AQUILA NETWORKS - MPS
Southern System Annualized Gas Cost Calculation
To Reflect Current Southern Star & Spot Market Rates

FIRM	Annual Volume	Monthly Capacity Reserved	No. of Mth Reserved	Tariff Rate	Annual Cost
Southern Star Natural Gas					
TSS					
No-Notice Fee		39,618	12	$0.0183	$8,676
Reservation - FSS Deliverability		23,928	12	$0.7513	$215,723
Reservation - FTS-Production		14,119	12	$7.2300	$1,224,971
Reservation - FTS-Market		39,618	12	$3.9876	$1,895,781
GRI		0	12	$0.0000	$0
FTS					
Production - Reservation		10,651	12	$7.2300	$924,086
Production - Balancing		10,651	12	$0.0000	$0
Market - Reservation		10,491	12	$3.9876	$502,010
Market - Balancing		10,491	12	$0.0000	$0
Market - GRI		0	12	$0.0000	$0
Option Premiums					$301,750
Spot Market Purchases	3,997,836			$7.0568	$28,211,929
Total Annual Cost					$33,284,926
Sales Volume at Burnertip	3,923,036				
Cost per MCF at Burnertip					**$8.4845**

Highest WACOG	Sept 01 - Aug 02	Sept 02 - Aug 03	Sept 03 - Aug 04	**Average WACOG**
	$3.1224	$5.0765	$5.0261	**$4.4083**
	Highest Avg WACOG-(Avg with the highest of 3 averages)			**$4.7424**
	NOVEMBER 2004 Gas Commodity Costs			**$7.3018**

INTERRUPTIBLE			
Southern Star Natural Gas			
ITS-P		@150%	
Commodity		$0.3737	$0.3737
ITS-M		@150%	
Commodity		$0.2090	$0.2090
Spot Market Price Per MCF	$7.0568		$7.0568
Total Annual Cost			$7.6394
Sales Volume at Burnertip			
Cost per MCF at Burnertip			**$7.6394**

AQUILA NETWORKS - MPS
Southern System Gas Cost Inputs

MPS Line Loss	1.871%
Annual Burnertip Sales	3,923,036

SSTAR Rates

Firm Rates	
TSS	
No-Notice Fee	$0.0183
Reservation - FSS Deliverability	$0.7513
Reservation - FSS Capacity	$0.0012
Reservation - FTS-P	$7.2300
Reservation - FTS-M	$3.9876
GRI	$0.0000
FTS	
Production - Reservation	$7.2300
Production - Balancing	$0.0000
Market - Reservation	$3.9876
Market - Balancing	$0.0000
Market - GRI	$0.0000
Production	
Commodity - FTS-P	$0.0059
GRI Funding Unit - Commodity - Others	$0.0000
FERC Annual Charge Adjustment	$0.0019
Production Field Zone	$0.0078
Commodity - FTS-M	$0.0046
GRI Funding Unit - Commodity - Others	$0.0000
FERC Annual Charge Adjustment	$0.0019
Market Zone	$0.0065
Injection/Withdrawal - FSS	$0.0059
Interruptible Rates	
ITS-P	
Commodity	$0.2472
ITS-M	
Commodity	$0.1374
GRI Funding Unit - Commodity - Others	$0.0000
FERC Annual Charge Adjustment	$0.0019
SSTAR Production Area Loss	1.58%
SSTAR Market Area Loss	0.73%
SSTAR Storage Loss	2.65%

Seasonal Sales Volume @ Burnertip	
Jan	753,799
Feb	595,448
Mar	469,623
Apr	268,054
May	137,652
Jun	72,417
Jul	67,534
Aug	69,544
Sep	112,254
Oct	254,565
Nov	452,366
Dec	669,780
	3,923,036

Note: From FERC Gas Tariff: 3rd Revised Sheet No. 10 Effective 11/01/04, 3rd Revised Sheet No. 11 Effective 11/01/04, and 2nd Revised Sheet No. 12 Effective 11/01/04.

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total System
Annual Throughput at Burnertip Per 30 Yr. Normalization	3,084,440	838,596	3,923,036	0	3,923,036
Annual Throughput at Citygate	3,143,251	854,585	3,997,836	0	3,997,836
Annual Throughput at Production Area	3,149,387	877,848	4,027,235	0	4,027,235
Annual Throughput at Wellhead	3,199,946	891,941	4,091,887	0	4,091,887

Aquila Networks - MPS
Southern System
Current Gas Cost Calculation

	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Totals
SUMMARY OF COMMODITY COSTS													
Sales Requirements	452,366	669,780	753,799	595,448	469,623	268,054	137,652	72,417	67,534	69,544	112,254	254,565	3,923,036
SSTAR Market Area Loss	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	
SSTAR Production Area Loss	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%	
Total Supply - Fuel Loss	463,008	685,537	771,532	609,456	480,671	274,360	140,890	74,121	69,123	71,180	114,895	260,554	4,015,327
Storage Injection	0	0	0	0	0	118,444	118,444	118,444	118,444	90,807	86,859	59,222	710,664
Storage Injection Loss	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	2.65%	
Total Storage - Fuel Loss	0	0	0	0	0	121,668	121,668	121,668	121,668	93,279	89,223	60,834	
(Storage injection is noted on spreadsheet but not included in commodity cost calculation because MPS does not pay for storage until it is withdrawn in the winter months.)													
Purchase Requirements	463,008	685,537	771,532	609,456	480,671	274,360	140,890	74,121	69,123	71,180	114,895	260,554	4,015,327
Contracted Financial Swaps (Fixed Price)	140,000	80,000	110,000	40,000	110,000	0	0	0	0	0	0	0	480,000
Contracted Price	$ 6.3457	$ 6.9467	$ 6.9751	$ 7.1886	$ 6.7167	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 888,402	$ 555,734	$ 767,263	$ 287,542	$ 738,833	$ -	$ -	$ -	$ -	$ -	$ -	$ -	3,237,774
Contracted Call Options	90,000	140,000	150,000	120,000	90,000	0	0	0	0	0	0	0	590,000
Contracted Price	$ 6.0817	$ 6.9180	$ 7.4980	$ 7.5998	$ 7.5184	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 547,357	$ 968,522	$ 1,124,695	$ 911,976	$ 676,657	$ -	$ -	$ -	$ -	$ -	$ -	$ -	4,229,207
Contracted Participating Options	50,000	60,000	60,000	60,000	50,000	0	0	0	0	0	0	0	280,000
Contracted Price	$ 6.8673	$ 7.1673	$ 7.4348	$ 7.4540	$ 7.3493	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 343,365	$ 430,038	$ 446,088	$ 447,238	$ 367,465	$ -	$ -	$ -	$ -	$ -	$ -	$ -	2,034,194
Total Supply	143,527	208,131	254,126	192,050	151,709	274,360	140,890	74,121	69,123	71,180	114,895	260,554	1,954,666
Forecasted Price (NYMEX-WNG Basis)*	$ 7.120	$ 8.100	$ 8.760	$ 8.790	$ 8.310	$ 7.000	$ 6.660	$ 6.690	$ 6.680	$ 6.750	$ 6.710	$ 6.740	
Total Cost	$ 1,021,912	$ 1,685,861	$ 2,226,144	$ 1,688,120	$ 1,260,702	$ 1,920,520	$ 938,327	$ 495,869	$ 461,742	$ 480,465	$ 770,945	$ 1,756,134	$ 14,706,741
Storage Withdrawal	39,481	197,406	197,406	197,406	78,962	0	0	0	0	0	0	0	710,661
Storage WACOG	$ 5.7279	$ 5.7279	$ 5.7279	$ 5.7279	$ 5.7279	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 226,142	$ 1,130,715	$ 1,130,715	$ 1,130,715	$ 452,284	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,070,571
Forecasted Gas Commodity Cost	3,027,178	4,770,870	5,694,905	4,465,591	3,495,941	1,920,520	938,327	495,869	461,742	480,465	770,945	1,756,134	28,278,487
Forecasted Sales Gas Quantity	463,008	685,537	771,532	609,456	480,671	274,360	140,890	74,121	69,123	71,180	114,895	260,554	4,015,327
Gas Cost (Commodity) Dth													$7.0426
SUMMARY OF UPSTREAM COSTS													
Southern Star Natural Gas Pipeline - Firm													
FT Commodity (Production Area)	463,008	685,537	771,532	609,456	480,671	274,360	140,890	74,121	69,123	71,180	114,895	260,554	
FT Commodity (Market Area)	455,693	674,705	759,342	599,827	473,076	270,025	138,664	72,950	68,031	70,055	113,079	256,437	
Total Units	918,701	1,360,242	1,530,874	1,209,283	953,747	544,385	279,554	147,071	137,154	141,235	227,974	516,991	7,967,211
Cost/Dth - Production Area	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	$0.0078	
Cost/Dth - Market Area	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	$0.0065	
Total SSTAR Commodity Costs	$6,573	$9,733	$10,954	$8,653	$6,824	$3,895	$2,000	$1,052	$981	$1,011	$1,631	$3,699	$57,007
Forecasted Northern Upstream Costs	6,573	9,733	10,954	8,653	6,824	3,895	2,000	1,052	981	1,011	1,631	3,699	57,007
Forecasted Firm Sales Quantity	463,008	685,537	771,532	609,456	480,671	274,360	140,890	74,121	69,123	71,180	114,895	260,554	4,015,327
Upstream Cost/Dth													$0.0142
													$ 7.0568

Aquila Networks - MPS

Southern System

Gas Commodity Cost Calculation

INSIDE FERC NOVEMBER 2004	$	7.12
SSTAR Market Area Loss		0.73%
SSTAR Production Area Loss		1.58%
SSTAR Index Adjusted for Fuel	$	7.2875
SSTAR Cost/Dth Field Zone		$0.0078
SSTAR Cost/Dth - Market Zone		$0.0065
		$7.3018
Total Gas Commodity Costs		$7.3018

AQUILA NETWORKS - MPS
Northern System Annualized Gas Cost Calculation
To Reflect Current PEPL & Spot Market Rates

Enclosure 2

FIRM	Annual Volume	Monthly Capacity Reserved	No. Of Mth Reserved	Tariff/ Contracted Rate	Annual Cost
Panhandle Eastern Pipe Line					
Contract 17005					
EFT Reservation Rates					
Field Zone Reservation		9,000	5	$4.7300	$212,850
Market Zone Access		17,000	5	$3.3000	$280,500
Market Zone Mileage		17,000	5	$1.8000	$153,000
Field Zone Reservation		9,000	7	$4.7300	$297,990
Market Zone Access		9,000	7	$3.3000	$207,900
Market Zone Mileage		9,000	7	$1.8000	$113,400
					$0
					$0
Contract 17004					
FS Storage	800,000			$0.4028	$322,240
					$234,500
					$204,015
Spot Market Purchases	1,440,487			$6.4308	$9,263,484
Total Annual Cost					$11,289,879
Sales Volume at Burnertip	1,390,228				
Cost per MCF at Burnertip					**$8.1209**

	Sept 01 - Aug 02	Sept 02 - Aug 03	Sept 03 - Aug 04	**Average WACOG**
Highest WACOG	$3.7515	$4.8873	$5.5045	**$4.7144**
Highest Avg WACOG-(Avg with the highest 3 averages)				**$5.1095**
NOVEMBER 2004 Gas Commodity Costs				**$7.3962**

INTERRUPTIBLE	Annual Volume	@150%	Annual Cost
Panhandle Eastern Pipe Line			
IT Interruptible Rates			
Field Zone		$0.2625	$0.2625
Market Zone Access		$0.1637	$0.1637
Market Zone Mileage		$0.0999	$0.0999
GRI Funding Unit		$0.0000	$0.0000
ACA Unit Charge		$0.0029	$0.0029
TOP Volumetric Surcharge		$0.0000	$0.0000
Settlement Surcharges		($0.0005)	($0.0005)
Canadian Resolution Surcharges		$0.0000	$0.0000
Stranded Transportation Cost Surcharge		$0.0000	$0.0000
Miscellaneous Stranded Costs Surcharge		$0.0000	$0.0000
Spot Market Price Per MCF	$6.4308		$6.4308
Total Annual Cost			$6.9593
Sales Volume at Burnertip			
Cost per MCF at Burnertip			**$6.9593**

AQUILA NETWORKS - MPS
Northern System Gas Cost Inputs

MPS Line Loss	3.489%
Annual Burnertip Sales	1,390,228

PEPL Rates	Tariff Rate
PEPL EFT Reservation Rates	
Field Zone Reservation	$4.7300
Market Zone Access	$3.3000
Market Zone Mileage 201-300 Block	$1.8000
GRI Funding Unit	$0.0000
Settlement Surcharges	$0.0000
Canadian Resolution Surcharges	$0.0000
GSR Surcharge	$0.0000
Stranded Transportation Cost Surcharge	$0.0000
Miscellaneous Stranded Costs Surcharge	$0.0000
PEPL EFT Commodity Rates	
Field Zone Commodity	$0.0195
Market Zone Access	$0.0006
Market Zone Mileage 201-300 Block	$0.0075
GRI Funding Unit	$0.0000
ACA Unit Charge	$0.0019
TOP Volumetric Surcharge	$0.0000
Settlement Surcharges	($0.0003)
Total Market Zone Commodity	$0.0097
PEPL IT Interruptible Rates	
Field Zone	$0.1750
Market Zone Access	$0.1091
Market Zone Mileage 201-300 Block	$0.0666
GRI Funding Unit	$0.0000
ACA Unit Charge	$0.0019
TOP Volumetric Surcharge	$0.0000
Settlement Surcharges	($0.0003)
Canadian Resolution Surcharges	$0.0000
Stranded Transportation Cost Surcharge	$0.0000
Miscellaneous Stranded Costs Surcharge	$0.0000
PEPL Storage Rates	
Deliverability Charge Field Area	$3.3500
Capacity Charge Field Area	$0.4028
PEPL Gathering Loss	0.81%
PEPL Field Zone Loss	1.17%
PEPL Market Zone Loss	1.41%
PEPL Storage Injection Loss (Field Area)	1.36%
PEPL Storage Withdrawal Loss (Field Area)	0.33%

Seasonal Sales Volume @ Burnertip	
Jan	252,259
Feb	200,601
Mar	161,600
Apr	96,914
May	55,693
Jun	34,501
Jul	33,324
Aug	33,965
Sep	47,210
Oct	92,991
Nov	155,715
Dec	225,455
	1,390,228

Note: From FERC Gas Tariff: PEPL Third Revised Sheet No. 5 Effective 11/01/04 , Third Revised Sheet No. 8 Effective 11/01/04, First Revised Sheet No. 9 Effective 11/01/2004, First Revised Sheet No. 11 Effective 11/01/04, First Revised Sheet No. 19 Effective 10/01/04 and First Revised Sheet No. 10 Effective 11/01/2004

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total
Annual Throughput at Burnertip Per 30 Yr. Normalization	650,613	739,615	1,390,228	0	1,390,228
Annual Throughput at Citygate	674,133	766,354	1,440,487	0	1,440,487
Annual Throughput at Havenpool	683,775	779,887	1,463,662	0	1,463,662
Annual Throughput at Wellhead	691,870	800,000	1,491,870	0	1,491,870

Aquila Networks - MPS
Northern System
Current Gas Cost Calculation

	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Totals
SUMMARY OF COMMODITY COSTS													
Requirements	155,715	225,455	252,259	200,601	161,600	96,914	55,693	34,501	33,324	33,965	47,210	92,991	1,390,228
PEPL Market Zone Fuel Loss	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	1.41%	
PEPL Field Zone Fuel Loss	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	1.17%	
Gathering Fuel Loss	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	0.81%	
Total Supply - Fuel Loss	161,117	233,276	261,010	207,560	167,206	100,276	57,625	35,698	34,480	35,143	48,848	96,217	
Storage Injection	0	0	0	0	0	0	103,500	120,000	120,000	120,000	120,000	60,000	643,500
Storage Injection Loss	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	1.36%	
Total Storage - Fuel Loss	0	0	0	0	0	0	104,927	121,655	121,655	121,655	121,655	60,827	
(Storage injection is noted on spreadsheet but not included in commodity cost calculation because MPS does not pay for storage until it is withdrawn in the winter months.)													
Purchase Requirements	161,117	233,276	261,010	207,560	167,206	100,276	57,625	35,698	34,480	35,143	48,848	96,217	1,438,456
Total Supply	101,117	33,276	61,010	7,560	107,206	100,276	57,625	35,698	34,480	35,143	48,848	96,217	718,456
Forecasted Price (NYMEX-PEPL Basis)	$ 7.1200	$ 8.0100	$ 8.6700	$ 8.7000	$ 8.2200	$ 6.9950	$ 6.6550	$ 6.6850	$ 6.6750	$ 6.7450	$ 6.7050	$ 6.7350	
Total Cost	$ 719,953	$ 266,541	$ 528,957	$ 65,772	$ 881,233	$701,431	$ 383,494	$ 238,641	$ 230,154	$ 237,040	$ 327,526	$ 648,021	5,228,763
Storage Withdrawal (17007)	60,000	200,000	200,000	200,000	60,000	0	0	0	0	0	0	0	720,000
Storage WACOG (17007)	$ 5.5279	$ 5.5279	$ 5.5279	$ 5.5279	$ 5.5279	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Cost	$ 331,674	$ 1,105,580	$1,105,580	$1,105,580	$ 331,674	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,980,088
Forecasted Gas Commodity Cost	1,051,627	1,372,121	1,634,537	1,171,352	1,212,907	701,431	383,494	238,641	230,154	237,040	327,526	648,021	9,208,851
Forecasted Sales Gas Quantity	161,117	233,276	261,010	207,560	167,206	100,276	57,625	35,698	34,480	35,143	48,848	96,217	1,438,456
Gas Cost (Commodity) Dth													$6.4019
SUMMARY OF UPSTREAM COSTS													
Panhandle Eastern Pipeline - Firm													
FT Commodity (Field Zone)	159,812	231,387	258,896	205,879	165,852	99,464	57,158	35,409	34,201	34,859	48,452	95,438	
FT Commodity (Market Zone)	157,942	228,679	255,867	203,470	163,911	98,300	56,490	34,994	33,801	34,451	47,885	94,321	
Total Units	317,754	460,066	514,763	409,349	329,763	197,764	113,648	70,403	68,002	69,310	96,337	189,759	2,836,918
Cost/Dth - Field Zone	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	
Cost/Dth - Market Zone	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	$0.0097	
Total Panhandle Commodity Costs	$4,648	$6,730	$7,530	$5,988	$4,824	$2,893	$1,663	$1,030	$995	$1,014	$1,409	$2,776	41,501
Forecasted Northern Upstream Costs	4,648	6,730	7,530	5,988	4,824	2,893	1,663	1,030	995	1,014	1,409	2,776	41,501
Forecasted Firm Sales Quantity	161,117	233,276	261,010	207,560	167,206	100,276	57,625	35,698	34,480	35,143	48,848	96,217	1,438,456
Upstream Cost/Dth													$0.0289
Wellhead Cost of Gas													$ 6.4308

Aquila Networks - MPS

Northern System

Gas Commodity Cost Calculation

Enclosure 2

INSIDE FERC NOVEMBER 04		$7.12
PEPL Market Zone Fuel Loss		1.41%
PEPL Field Zone Fuel Loss		1.17%
Gathering Fuel Loss		0.81%
PEPL Index Adjusted for Fuel	$	7.3670
PEPL Cost/Dth Field Zone		$0.0195
PEPL Cost/Dth - Market Zone		$0.0097
		$7.3962
Total Gas Commodity Costs		$7.3962

Aquila Networks - L&P
Annualized Gas Cost Calculation
To Reflect Current ANR & Spot Market Rates

	Annual/ Seasonal Volume		Monthly Capacity Reserved	No. of Mths Reserved	Tariff Rate	Annual Cost
FIRM						
SJLP Tranportation Cost per MCF						**$0.9242**
Spot Market Purchases	751,332				$6.4923	$4,877,873
Season Budget	751,332					
Cost per MCF at Burnertip						**$6.4923**
PGA						
Total Cost per Mcf at Burnertip						**$7.4165**
Highest WACOG		Sept 01 - Aug 02	Sept 02 - Aug 03	Sept 03 - Aug 04	**Average WACOG**	
		$2.8892	$4.8305	$5.1998	**$4.3065**	
Highest Avg WACOG-(Avg with the highest of 3 averages)					**$4.7532**	
NOVEMBER 2004 Gas Commodity Costs					**$8.3419**	
INTERRUPTIBLE						
				@150%		
SJLP Transportation Cost				$1.3863	$1.3863	
	$6.4923				$6.4923	
Total Annual Cost					$7.8786	
Sales Volume at Burnertip						
Cost per MCF at Burnertip					**$7.8786**	

ANR RATES	
Transport Charge	$0.9223
ACA Charge	$0.0019
GRI Charge	$0.0000
Volumetric Charge	$0.0000
Rate Adjustment	$0.0000
Transport Use Fee (Group 1)	2.37%
Transport Use Fee (Group 2)	3.34%
Storage Use Fee	1.01%
	$0.9242

Note: From FERC Gas Tariff: ANR Eighth Revised Sheet No. 6 Effective 08/01/04 , Thirty-Ninth Revised Sheet No. 17 Effective 10/01/04.

Annual Throughput 751,332

Season Budget (Dth)	
Jan	141,677
Feb	112,584
Mar	88,465
Apr	51,016
May	26,214
Jun	15,450
Jul	15,012
Aug	15,253
Sep	22,358
Oct	47,765
Nov	87,669
Dec	127,869
TOTAL	751,332

Aquila Networks - L&P
Current Gas Cost Calculation

SUMMARY OF COMMODITY COSTS	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Totals
													0
Purchase Requirements	87,669	127,869	141,677	112,584	88,465	51,016	26,214	15,450	15,012	15,253	22,358	47,765	751,332
Storage Injection	0	0	0	0	0	11,225	63,270	63,270	63,270	63,270	63,270	31,635	359,210
Storage Injection Loss	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	
Total Storage - Fuel Loss	0	0	0	0	0	11,340	63,916	63,916	63,916	63,916	63,916	31,958	
Storage Withdrawal	31,635	105,450	105,450	105,450	31,635	0	0	0	0	0	0	0	379,620
Storage WACOG	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	$ 5.4504	
Total Cost	$ 172,423	$ 574,745	$ 574,745	$ 574,745	$ 172,423	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,069,081
Purchase Requirements with Storage	56,034	22,419	36,227	7,134	56,830	51,016	26,214	15,450	15,012	15,253	22,358	47,765	371,712
Contract 109149	24,223	9,106	13,556	2,704	20,499	17,093	9,126	4,792	4,824	3,507	4,889	19,591	133,911
Group 1 ANR Fuel %	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	2.37%	
	24,811	9,327	13,885	2,770	20,997	17,508	9,348	4,908	4,941	3,592	5,008	20,066	137,161
Contract 109150	31,811	13,313	22,671	4,430	36,331	33,923	17,088	10,658	10,188	11,747	17,469	28,174	237,801
Group 2 Fuel %	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	3.34%	
	32,911	13,773	23,454	4,583	37,586	35,095	17,678	11,026	10,540	12,153	18,072	29,148	246,019
Purchases with Storage with Fuel	57,722	23,100	37,339	7,353	58,583	52,603	27,026	15,934	15,481	15,745	23,080	49,214	383,180
Total Supply	57,722	23,100	37,339	7,353	58,583	52,603	27,026	15,934	15,481	15,745	23,080	49,214	383,180
Forecasted Price (NYMEX-ANR Basis)*	$ 7.000	$ 8.005	$ 8.665	$ 8.695	$ 8.215	$ 7.000	$ 6.660	$ 6.690	$ 6.680	$ 6.750	$ 6.710	$ 6.740	
Total Cost	$ 404,054	$ 184,916	$ 323,542	$ 63,934	$ 481,259	$ 368,221	$ 179,993	$ 106,598	$ 103,413	$ 106,279	$ 154,867	$ 331,702	$ 2,808,778
Forecasted Gas Commodity Cost	576,477	759,661	898,287	638,679	653,682	368,221	179,993	106,598	103,413	106,279	154,867	331,702	4,877,859
Forecasted Sales Gas Quantity	87,669	127,869	141,677	112,584	88,465	51,016	26,214	15,450	15,012	15,253	22,358	47,765	751,332
Gas Cost (Commodity) Dth													$6.4923

Aquila Networks - L&P

Gas Commodity Cost Calculation

INSIDE FERC NOVEMBER 04	$	7.00
Group 1 ANR Fuel %		2.37%
Group 2 ANR Fuel %		3.34%
ANR Index Adjusted for Fuel	$	7.4177
Transport Charge		$0.9223
ACA Charge		$0.0019
GRI Charge		$0.0000
		$8.3419

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MISSOURI PUBLIC SERVICE
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BY USAGE MONTH FOR THE SOUTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	September 2003	October 2003	9,796	3.9500	38,694.20	0.00	38,694.20	38,694.20	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	September 2003	October 2003	34,198	4.7700	163,124.46	0.00	163,124.46	163,124.46	0.00			
TERM POOL GAS SYSTEM SUPPLY-INDEX	VARIOUS	September 2003	October 2003	43,704	4.6226	202,027.56	0.00	202,027.56	202,027.56	0.00			
IMBALANCE GAS	VARIOUS	September 2003	October 2003	338	0.0000	66,669.14	0.00	66,669.14	66,669.14	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0903-07921	September 2003	October 2003	0	0.0000	0.00	217,725.37	217,725.37	217,725.37	0.00			
WNG STORAGE TRANS.	1-STO-0903-07921	September 2003	October 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		88,695.10	
WNG CAPACITY RELEASE	1-TNS-0903-07921	September 2003	October 2003	0	0.0000	0.00	(2,998.23)	(2,998.23)	(2,998.23)	0.00			773,937.60
TERM POOL GAS SYSTEM SUPPLY-INDEX	VARIOUS	October 2003	November 2003	61,529	4.2000	258,419.98	0.00	258,419.98	258,419.98	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	October 2003	November 2003	68,764	4.2725	293,794.19	0.00	293,794.19	293,794.19	0.00			
POOL IMBALANCE P/M	VARIOUS	October 2003	November 2003	10,908	4.7700	52,031.16	0.00	52,031.16	52,031.16	0.00			
IMBALANCE GAS	VARIOUS	October 2003	November 2003	601	0.0000	17,120.68	0.00	17,120.68	17,120.68	0.00			
CASHOUT	VARIOUS	October 2003	November 2003	229	0.0000	(327.33)	0.00	(327.33)	(327.33)	0.00			
ASSET OPTIMIZATION	VARIOUS	October 2003	November 2003	0	0.0000	0.00	(2,083.18)	(2,083.18)	(2,083.18)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-1003-07921	October 2003	November 2003	0	0.0000	0.00	218,726.23	218,726.23	218,726.23	0.00			
WNG STORAGE TRANS.	1-STO-1003-07921	October 2003	November 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		88,861.11	
WNG CAPACITY RELEASE	1-TNS-1003-07921	October 2003	November 2003	0	0.0000	0.00	(5,165.75)	(5,165.75)	(5,165.75)	0.00			921,377.09
TERM POOL GAS SYSTEM SUPPLY	VARIOUS	November 2003	December 2003	223,158	4.5716	1,020,179.47	0.00	1,020,179.47	1,020,179.47	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	November 2003	December 2003	15,593	4.2725	66,621.09	0.00	66,621.09	66,621.09	0.00			
DEMAND CHARGE FOR OPTION		November 2003	December 2003	0	0.0000	28,272.00	0.00	28,272.00	28,272.00	0.00			
DEMAND CHARGE FOR COLLAR OPTION		November 2003	December 2003	0	0.0000	18,900.00	0.00	18,900.00	18,900.00	0.00			
CASHOUT	VARIOUS	November 2003	December 2003	1,944	0.0000	7,624.82	0.00	7,624.82	7,624.82	0.00			
IMBALANCE GAS	VARIOUS	November 2003	December 2003	741	0.0000	15,858.56	0.00	15,858.56	15,858.56	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-1103-07921	November 2003	December 2003	0	0.0000	0.00	280,503.93	280,503.93	280,503.93	0.00			
WNG STORAGE TRANS.	1-STO-1103-07921	November 2003	December 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		91,435.86	
WNG CAPACITY RELEASE	1-TNS-1103-07921	November 2003	December 2003	0	0.0000	0.00	(14,718.50)	(14,718.50)	(14,718.50)	0.00			1,514,677.23
TERM POOL GAS SYSTEM SUPPLY	VARIOUS	December 2003	January 2004	310,000	4.5803	1,419,899.48	0.00	1,419,899.48	1,419,899.48	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	December 2003	January 2004	164,553	4.3891	722,244.48	0.00	722,244.48	722,244.48	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	December 2003	January 2004	16,372	4.8313	79,097.88	0.00	79,097.88	79,097.88	0.00			
DEMAND CHARGE FOR OPTION		December 2003	January 2004	0	0.0000	28,272.00	0.00	28,272.00	28,272.00	0.00			
DEMAND CHARGE FOR COLLAR OPTION		December 2003	January 2004	0	0.0000	19,530.00	0.00	19,530.00	19,530.00	0.00			
CASHOUT	VARIOUS	December 2003	January 2004	1,674	0.0000	5,153.93	0.00	5,153.93	5,153.93	0.00			
IMBALANCE GAS	VARIOUS	December 2003	January 2004	(59)	0.0000	43,323.56	0.00	43,323.56	43,323.56	0.00			
HEDGE SETTLEMENT	SEE GENERAL LEDGER	December 2003	January 2004	0	0.0000	90,751.50	0.00	90,751.50	90,751.50	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-1203-07921	December 2003	January 2004	0	0.0000	0.00	286,467.47	286,467.47	286,467.47	0.00			
WNG ASSOC CO STORAGE	1-TNS-1203-07921	December 2003	January 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	205,984	1,093,762.89	
WNG STORAGE TRANS.	1-STO-1203-07921	December 2003	January 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		90,970.91	
WNG CAPACITY RELEASE	1-TNS-1203-07921	December 2003	January 2004	0	0.0000	0.00	(11,174.43)	(11,174.43)	(11,174.43)	0.00			3,868,299.67

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SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
TERM POOL GAS SYSTEM SUPPLY	VARIOUS	January 2004	February 2004	308,733	5.2899	1,633,157.54	0.00	1,633,157.54	1,633,157.54	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	January 2004	February 2004	19,653	4.3891	86,259.57	0.00	86,259.57	86,259.57	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	January 2004	February 2004	258,314	5.6700	1,464,640.38	0.00	1,464,640.38	1,464,640.38	0.00			
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	January 2004	February 2004	34,711	5.1200	177,720.32	0.00	177,720.32	177,720.32	0.00			
DEMAND CHARGE FOR OPTION		January 2004	February 2004	0	0.0000	28,272.00	0.00	28,272.00	28,272.00	0.00			
DEMAND CHARGE FOR COLLAR OPTION		January 2004	February 2004	0	0.0000	19,530.00	0.00	19,530.00	19,530.00	0.00			
CASHOUT	VARIOUS	January 2004	February 2004	3,052	0.0000	10,204.21	0.00	10,204.21	10,204.21	0.00			
IMBALANCE GAS	VARIOUS	January 2004	February 2004	1,814	0.0000	(24,003.56)	0.00	(24,003.56)	(24,003.56)	0.00			
HEDGE SETTLEMENT	SEE GENERAL LEDGER	January 2004	February 2004	0	0.0000	41,760.00	0.00	41,760.00	41,760.00	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0103-07921	January 2004	February 2004	0	0.0000	0.00	293,809.51	293,809.51	293,809.51	0.00			
WNG ASSOC CO STORAGE	1-STO-0103-07921	January 2004	February 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	136,561	737,281.46	
WNG STORAGE TRANS.	1-STO-0103-07921	January 2004	February 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		91,655.49	
WNG CAPACITY RELEASE	1-TNS-0103-07921	January 2004	February 2004	0	0.0000	0.00	(8,328.48)	(8,328.48)	(8,328.48)	0.00			4,551,958.44
TERM POOL GAS SYSTEM SUPPLY	VARIOUS	February 2004	March 2004	370,962	5.0992	1,891,614.80	0.00	1,891,614.80	1,891,614.80	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	February 2004	March 2004	19,881	5.6700	112,725.27	0.00	112,725.27	112,725.27	0.00			
DEMAND CHARGE FOR OPTION		February 2004	March 2004	0	0.0000	0.00	28,272.00	28,272.00	28,272.00	0.00			
DEMAND CHARGE FOR COLLAR OPTION		February 2004	March 2004	0	0.0000	0.00	18,270.00	18,270.00	18,270.00	0.00			
CASHOUT	VARIOUS	February 2004	March 2004	5,033	0.0000	(23,805.22)	0.00	(23,805.22)	(23,805.22)	0.00			
IMBALANCE	VARIOUS	February 2004	March 2004	(8,160)	0.0000	(52,961.34)	0.00	(52,961.34)	(52,961.34)	0.00			
HEDGE SETTLEMENT	SEE GENERAL LEDGER	February 2004	March 2004	0	0.0000	43,477.50	0.00	43,477.50	43,477.50	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0202-07921	February 2004	March 2004	0	0.0000	0	284,628.24	284,628.24	284,628.24	0.00			
WNG ASSOC CO STORAGE	1-STO-0303-07921	February 2004	March 2004	0	0.0000	0	0.00	0.00	0.00	0.00	224,307	1,235,664.82	
WNG STORAGE TRANS.	1-STO-0303-07921	February 2004	March 2004	0	0.0000	0	0.00	0.00	0.00	0.00		92,475.03	
WNG CAPACITY RELEASE	1-TNS-0202-07921	February 2004	March 2004	0	0.0000	0	(13,493.62)	(13,493.62)	(13,493.62)	0.00			3,616,867.48
TERM POOL GAS SYSTEM SUPPLY	VARIOUS	March 2004	April 2004	181,768	4.9792	905,058.42	0.00	905,058.42	905,058.42	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	March 2004	April 2004	117,124	4.5536	533,334.81	0.00	533,334.81	533,334.81	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	March 2004	April 2004	19,155	5.1999	99,603.21	0.00	99,603.21	99,603.21	0.00			
DEMAND CHARGE FOR OPTION		March 2004	April 2004	0	0.0000	0.00	28,272.00	28,272.00	28,272.00	0.00			
DEMAND CHARGE FOR COLLAR OPTION		March 2004	April 2004	0	0.0000	0.00	19,530.00	19,530.00	19,530.00	0.00			
CASHOUT	VARIOUS	March 2004	April 2004	0	0.0000	19,970.01	0.00	19,970.01	19,970.01	0.00			
MARGIN ON ASSET OPTIMIZATION		March 2004	April 2004	0	0.0000	0.00	(11,031.48)	(11,031.48)	(11,031.48)	0.00			
IMBALANCE GAS	VARIOUS	March 2004	April 2004	(17)	0.0000	2,198.85	0.00	2,198.85	2,198.85	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0303-07921	March 2004	April 2004	0	0.0000	0.00	282,679.86	282,679.86	282,679.86	0.00			
WNG ASSOC CO STORAGE	1-TNS-0304-07921	March 2004	April 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	15,142	82,480.33	
WNG STORAGE TRANS.	1-STO-0304-07921	March 2004	April 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		90,120.59	
WNG CAPACITY RELEASE	1-TNS-0303-07921	March 2004	April 2004	0	0.0000	0.00	(9,050.71)	(9,050.71)	(9,050.71)	0.00			2,043,165.89
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	April 2004	May 2004	151,882	4.7541	722,066.31	0.00	722,066.31	722,066.31	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	April 2004	May 2004	20,758	4.5536	94,523.45	0.00	94,523.45	94,523.45	0.00			
IMBALANCE GAS	VARIOUS	April 2004	May 2004	0	0.0000	24,078.65	0.00	24,078.65	24,078.65	0.00			
CASHOUT	VARIOUS	April 2004	May 2004	296	0.0000	11,061.74	0.00	11,061.74	11,061.74	0.00			
MARGIN ON ASSET OPTIMIZATION		April 2004	May 2004	0	0.0000	0.00	(682.64)	(682.64)	(682.64)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0404-07921	April 2004	May 2004	0	0.0000	0.00	289,237.79	289,237.79	289,237.79	0.00			
WNG STORAGE TRANS.	1-STO-0404-07921	April 2004	May 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		11,966.39	
WNG CAPACITY RELEASE	1-TNS-0404-07921	April 2004	May 2004	0	0.0000	0.00	(4,727.71)	(4,727.71)	(4,727.71)	0.00			1,147,523.98

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SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	MAY 2004	JUNE 2004	89,702	5.3246	477,626.54	0.00	477,626.54	477,626.54	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	MAY 2004	JUNE 2004	20,753	4.7541	98,662.40	0.00	98,662.40	98,662.40	0.00			
IMBALANCE GAS	VARIOUS	MAY 2004	JUNE 2004	8	0.0000	27,270.08	0.00	27,270.08	27,270.08	0.00			
CASHOUT	VARIOUS	MAY 2004	JUNE 2004	11,545	0.0000	73,193.27	0.00	73,193.27	73,193.27	0.00			
MARGIN ON ASSET OPTIMIZATION		MAY 2004	JUNE 2004	0	0.0000	0.00	(1,892.06)	(1,892.06)	(1,892.06)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0504-07921	MAY 2004	JUNE 2004	0	0.0000	0.00	211,931.62	211,931.62	211,931.62	0.00			
WNG STORAGE TRANS.	1-STO-0504-07921	MAY 2004	JUNE 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		88,459.75	
WNG CAPACITY RELEASE	1-TNS-0504-07921	MAY 2004	JUNE 2004	0	0.0000	0.00	(4,941.02)	(4,941.02)	(4,941.02)	0.00			970,310.58
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	JUNE 2004	JULY 2004	55,730	5.9701	332,711.13	0.00	332,711.13	332,711.13	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	JUNE 2004	JULY 2004	20,781	5.3245	110,648.79	0.00	110,648.79	110,648.79	0.00			
IMBALANCE GAS	VARIOUS	JUNE 2004	JULY 2004	7	0.0000	(9,346.18)	0.00	(9,346.18)	(9,346.18)	0.00			
CASHOUT - PPA	VARIOUS	JUNE 2004	JULY 2004	(974)	0.0000	(3,069.35)	0.00	(3,069.35)	(3,069.35)	0.00			
CASHOUT	VARIOUS	JUNE 2004	JULY 2004	(7,615)	0.0000	(44,887.08)	0.00	(44,887.08)	(44,887.08)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0604-07921	JUNE 2004	JULY 2004	0	0.0000	0.00	221,586.67	221,586.67	221,586.67	0.00			
WNG STORAGE TRANS.	1-STO-0604-07921	JUNE 2004	JULY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		79,027.26	
WNG CAPACITY RELEASE	1-TNS-0604-07921	JUNE 2004	JULY 2004	0	0.0000	0.00	(4,793.43)	(4,793.43)	(4,793.43)	0.00			681,877.81
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	JULY 2004	AUGUST 2004	21,178	5.7480	121,730.26	0.00	121,730.26	121,730.26	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	JULY 2004	AUGUST 2004	53,007	5.9700	316,454.42	0.00	316,454.42	316,454.42	0.00			
IMBALANCE GAS	VARIOUS	JULY 2004	AUGUST 2004	590	0.0000	(3,949.13)	0.00	(3,949.13)	(3,949.13)	0.00			
CASHOUT - PPA	VARIOUS	JULY 2004	AUGUST 2004	(974)	0.0000	(3,069.35)	0.00	(3,069.35)	(3,069.35)	0.00			
CASHOUT	VARIOUS	JULY 2004	AUGUST 2004	(9,402)	0.0000	(68,251.80)	0.00	(68,251.80)	(68,251.80)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0704-07921	JULY 2004	AUGUST 2004	0	0.0000	0.00	221,510.40	221,510.40	221,510.40	0.00			
WNG STORAGE TRANS.	1-STO-0704-07921	JULY 2004	AUGUST 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		79,034.21	
WNG CAPACITY RELEASE	1-TNS-0704-07921	JULY 2004	AUGUST 2004	0	0.0000	0.00	(9,869.77)	(9,869.77)	(9,869.77)	0.00			653,589.24
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	AUGUST 2004	SEPTEMBER 2004	25,829	5.5732	143,950.02	0.00	143,950.02	143,950.02	0.00			
POOL GAS IMBALANCE P/M	VARIOUS	AUGUST 2004	SEPTEMBER 2004	53,002	5.7480	304,653.28	0.00	304,653.28	304,653.28	0.00			
CASHOUT		AUGUST 2004	SEPTEMBER 2004	(11,087)	0.0000	(69,472.33)	0.00	(69,472.33)	(69,472.33)	0.00			
CASHOUT-PPA 05/04	VARIOUS	MAY 2004	SEPTEMBER 2004	23,090	0.0000	0.00	0.00	0.00	0.00	0.00			
CASHOUT-PPA 07/04	VARIOUS	JULY 2004	SEPTEMBER 2004	974	0.0000	3,181.94	0.00	3,181.94	3,181.94	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0804-07921	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	218,267.52	218,267.52	218,267.52	0.00			
WNG STORAGE TRANS.	1-STO-0804-07921	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		79,243.70	
WNG CAPACITY RELEASE	1-TNS-0802-07921	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	(9,578.99)	(9,578.99)	(9,578.99)	0.00			670,245.14
				2,815,146		14,247,112.44	3,006,888.61	17,292,695.25	17,292,695.25		581,994	4,121,134.90	21,413,830.15

MISSOURI PUBLIC SERVICE
SCHEDULE 2 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE NORTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
BP ENERGY	1060015	SEPTEMBER 2003	OCTOBER 2003	28,442	4.8150	136,948.23	0.00	136,948.23	136,948.23	0.00			
IMBALANCE GAS	VARIOUS	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	(42.84)	0.00	(42.84)	(42.84)	0.00			
LINE LOSS	SEE GENERAL LEDGER	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			
PEPL SYSTEM SUPPLY TRANS.	030900021	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	88,238.04	88,238.04	88,238.04	0.00			
PEPL SYSTEM SUPPLY TRANS. 08/03 PENALTY	030900021	AUGUST 2003	OCTOBER 2003	0	0.0000	0.00	(227.09)	(227.09)	(227.09)	0.00			
PEPL STORAGE TRANS.	030900023	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
PEPL CAPACITY RELEASE	030900023	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	(9,950.64)	(9,950.64)	(9,950.64)	0.00			270,964.17
BP ENERGY	1061977	OCTOBER 2003	NOVEMBER 2003	46,245	4.3150	199,547.18	0.00	199,547.18	199,547.18	0.00			
IMBALANCE GAS	VARIOUS	OCTOBER 2003	NOVEMBER 2003	0	0.0000	74.97	0.00	74.97	74.97	0.00			
PEPL SYSTEM SUPPLY TRANS.	031000019	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	89,985.34	89,985.34	89,985.34	0.00			
PEPL SYSTEM SUPPLY TRANS. 09/03 PENALTY	031000019	SEPTEMBER 2003	NOVEMBER 2003	0	0.0000	0.00	(107.95)	(107.95)	(107.95)	0.00			
PEPL STORAGE TRANS.	031000021	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
CORNERSTONE CAPACITY RELEASE		OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	(1,585.00)	(1,585.00)	(1,585.00)	0.00			
PEPL CAPACITY RELEASE	031000021	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	(14,089.13)	(14,089.13)	(14,089.13)	0.00			329,823.88
ANADARKO	A0312S0105	NOVEMBER 2003	DECEMBER 2003	1,650	5.9200	9,768.00	0.00	9,768.00	9,768.00	0.00			
BP ENERGY	1063757	NOVEMBER 2003	DECEMBER 2003	30,700	4.6743	143,499.50	0.00	143,499.50	143,499.50	0.00			
AGGREGATOR CASHOUTS	VARIOUS	NOVEMBER 2003	DECEMBER 2003	4,402	0.0000	14,855.43	0.00	14,855.43	14,855.43	0.00			
AGGREGATOR CASHOUTS PPA 08/03-09/03	VARIOUS	SEPTEMBER 2003	DECEMBER 2003	2,314	0.0000	7,091.43	0.00	7,091.43	7,091.43	0.00			
IMBALANCE GAS	VARIOUS	NOVEMBER 2003	DECEMBER 2003	0	0.0000	15.30	0.00	15.30	15.30	0.00			
PEPL SYSTEM SUPPLY TRANS.	031100020	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	130,168.77	130,168.77	130,168.77	0.00			
PEPL SYSTEM SUPPLY TRANS. 10/03 PENALTY	031100020	OCTOBER 2003	DECEMBER 2003	0	0.0000	0.00	(221.85)	(221.85)	(221.85)	0.00			
PEPL ASSOC CO STORAGE-FS	031100020	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	88,777	398,050.24	
CORNERSTONE CAPACITY RELEASE		NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	(1,573.24)	(1,573.24)	(1,573.24)	0.00			
PEPL CAPACITY RELEASE	031100020	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	(13,399.68)	(13,399.68)	(13,399.68)	0.00			
PEPL STORAGE TRANS.	031100020	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	762,007.37
BP ENERGY	1065759	DECEMBER 2003	JANUARY 2004	46,500	4.4133	205,220.00	0.00	205,220.00	205,220.00	0.00			
AGGREGATOR CASHOUTS	VARIOUS	DECEMBER 2003	JANUARY 2004	3,879	3.6066	13,989.98	0.00	13,989.98	13,989.98	0.00			
AGGREGATOR CASHOUTS PPA 07/03-09/03-10/03	VARIOUS	OCTOBER 2003	JANUARY 2004	(621)	3.7820	(2,348.62)	0.00	(2,348.62)	(2,348.62)	0.00			
IMBALANCE GAS	VARIOUS	DECEMBER 2003	JANUARY 2004	(1,292)	0.0000	(5,738.18)	0.00	(5,738.18)	(5,738.18)	0.00			
PEPL SYSTEM SUPPLY TRANS.	031200018	DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	130,629.68	130,629.68	130,629.68	0.00			
PEPL SYSTEM SUPPLY TRANS. 09/03 PPA	031200018	SEPTEMBER 2003	JANUARY 2004	0	0.0000	0.00	(45.01)	(45.01)	(45.01)	0.00			
CORNERSTONE CAPACITY RELEASE		DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	(1,573.24)	(1,573.24)	(1,573.24)	0.00			
PEPL STORAGE-FS	031200020	DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	138,449	621,744.10	
PEPL SYSTEM SUPPLY TRANS. 0903 PENALTY	031200018	SEPTEMBER 2003	JANUARY 2004	0	0.0000	0.00	(523.67)	(523.67)	(523.67)	0.00			
PEPL CAPACITY RELEASE	031200018	DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	(14,349.68)	(14,349.68)	(14,349.68)	0.00			
PEPL STORAGE TRANS	031200020	DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	1,020,758.83

MISSOURI PUBLIC SERVICE
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BY USAGE MONTH FOR THE NORTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
CINERGY	2004010914-I	JANUARY 2004	FEBRUARY 2004	2,700	4.6900	12,663.00	0.00	12,663.00	12,663.00	0.00			
BP ENERGY	1067774	JANUARY 2004	FEBRUARY 2004	41,496	5.5362	229,732.04	0.00	229,732.04	229,732.04	0.00			
AGGREGATOR CASHOUTS	VARIOUS	JANUARY 2004	FEBRUARY 2004	2,976	4.9861	14,838.60	0.00	14,838.60	14,838.60	0.00			
IMBALANCE GAS	VARIOUS	JANUARY 2004	FEBRUARY 2004	32	0.0000	(1,554.16)	0.00	(1,554.16)	(1,554.16)	0.00			
PEPL SYSTEM SUPPLY TRANS.	040100018	JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	130,556.40	130,556.40	130,556.40	0.00			
PEPL ASSOC CO STORAGE-FS	040100020	JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	202,052	908,818.88	
PEPL STORAGE TRANS.	040100020	JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	
PEPL SYSTEM SUPPLY TRANS. 12/03 PENALTY	040100018	DECEMBER 2003	FEBRUARY 2004	0	0.0000	0.00	(273.49)	(273.49)	(273.49)	0.00			
PEPL CAPACITY RELEASE	040100018	JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	(15,952.42)	(15,952.42)	(15,952.42)	0.00			1,352,582.32
BP ENERGY	1069918	FEBRUARY 2004	MARCH 2004	44,600	5.2508	234,186.00	0.00	234,186.00	234,186.00	0.00			
IMBALANCE GAS	VARIOUS	FEBRUARY 2004	MARCH 2004	521	6.2192	3,240.22	0.00	3,240.22	3,240.22	0.00			
AGGREGATOR CASHOUTS	VARIOUS	FEBRUARY 2004	MARCH 2004	(4,444)	6.4418	(28,627.45)	0.00	(28,627.45)	(28,627.45)	0.00			
PEPL SYSTEM SUPPLY TRANS.	040200019	FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	130,651.52	130,651.52	130,651.52	0.00			
PEPL SYSTEM SUPPLY TRANS. 01/04 PENALTY	040200019	JANUARY 2004	MARCH 2004	0	0.0000	0.00	(379.66)	(379.66)	(379.66)	0.00			
PEPL ASSOC CO STORAGE-FS	040200021	FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	143,807	647,866.02	
PEPL STORAGE TRANS.	040200021	FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	
PEPL CAPACITY RELEASE	040200019	FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	(15,852.42)	(15,852.42)	(15,852.42)	0.00			1,044,837.70
BP ENERGY	1071585	MARCH 2004	APRIL 2004	21,704	4.8935	106,209.39	0.00	106,209.39	106,209.39	0.00			
TENASKA	200303-0989	MARCH 2004	APRIL 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00			
AGGREGATOR CASHOUTS	VARIOUS	MARCH 2004	APRIL 2004	1,006	4.0033	4,027.37	0.00	4,027.37	4,027.37	0.00			
IMBALANCE GAS	VARIOUS	MARCH 2004	APRIL 2004	(147)	0.0000	(172.07)	0.00	(172.07)	(172.07)	0.00			
PEPL SYSTEM SUPPLY TRANS.	040300018	MARCH 2004	APRIL 2004	0	0.0000	0.00	130,500.30	130,500.30	130,500.30	0.00			
PEPL SYSTEM SUPPLY TRANS. 0204 PENALTY	040300018	FEBRUARY 2004	APRIL 2004	0	0.0000	0.00	(191.95)	(191.95)	(191.95)	0.00			
PEPL ASSOC CO STORAGE-FS	040300020	MARCH 2004	APRIL 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	85,113	384,057.68	
PEPL STORAGE TRANS.	040300020	MARCH 2004	APRIL 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	
PEPL CAPACITY RELEASE	040300018	MARCH 2004	APRIL 2004	0	0.0000	0.00	(15,487.42)	(15,487.42)	(15,487.42)	0.00			682,696.77
ANADARKO	A0405S087	APRIL 2004	MAY 2004	37,026	4.9400	182,908.44	0.00	182,908.44	182,908.44	0.00			
IMBALANCE GAS	VARIOUS	APRIL 2004	MAY 2004	(97)	0.0000	(773.01)	0.00	(773.01)	(773.01)	0.00			
AGGREGATOR CASHOUTS	VARIOUS	APRIL 2004	MAY 2004	292	0.0000	(403.93)	0.00	(403.93)	(403.93)	0.00			
LV CASHOUTS	VARIOUS	APRIL 2004	MAY 2004	5,543	0.0000	24,260.09	0.00	24,260.09	24,260.09	0.00			
PEPL ASSOC CO STORAGE-FS	040400022	MARCH 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	9,041	44,052.12	
PEPL ASSOC CO STORAGE-FS 11/03 PPA	040400022	NOVEMBER 2003	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		32,423.15	
PEPL ASSOC CO STORAGE-FS 01/04-03/04 PPA	040400022	MARCH 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		202,818.87	
PEPL SYSTEM SUPPLY TRANS.	040400022	APRIL 2004	MAY 2004	0	0.0000	0.00	88,834.83	88,834.83	88,834.83	0.00			
PEPL SYSTEM SUPPLY TRANS. 0304 PENALTY	040400022	MARCH 2004	MAY 2004	0	0.0000	0.00	(149.78)	(149.78)	(149.78)	0.00			
PEPL STORAGE TRANS.	020400227	APRIL 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
PEPL CAPACITY RELEASE	030300027	APRIL 2004	MAY 2004	0	0.0000	0.00	(15,902.42)	(15,902.42)	(15,902.42)	0.00			
													614,066.83

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SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
TENASKA	200405-0169	MAY 2004	JUNE 2004	102,300	5.4225	554,721.75	0.00	554,721.75	554,721.75	0.00			
AGGREGATOR CASHOUTS	VARIOUS	MAY 2004	JUNE 2004	(523)	0.0000	(5,057.21)	0.00	(5,057.21)	(5,057.21)	0.00			
LV CASHOUTS	VARIOUS	MAY 2004	JUNE 2004	3,729	0.0000	18,623.81	0.00	18,623.81	18,623.81	0.00			
IMBALANCE GAS	VARIOUS	MAY 2004	JUNE 2004	(57)	0.0000	(832.07)	0.00	(832.07)	(832.07)	0.00			
PEPL ASSOC CO STORAGE-FS INJECTION	040500021	MAY 2004	JUNE 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(78,042)	(425,383.43)	
PEPL COMMODITY STORAGE TRANS (17004)	040500021	MAY 2004	JUNE 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		250.68	
PEPL COMMODITY SUPPLY TRANS. (17005)	040500020	MAY 2004	JUNE 2004	0	0.0000	0.00	2,736.80	2,736.80	2,736.80	0.00			
PEPL COMMODITY SUPPLY TRANS (17005) 4/04 PPA	040500020	APRIL 2004	JUNE 2004	0	0.0000	0.00	45.42	45.42	45.42	0.00			
PEPL COMMODITY SUPPLY TRANS (17005) 4/04 ADJ	040500020	APRIL 2004	JUNE 2004	0	0.0000	0.00	(331.88)	(331.88)	(331.88)	0.00			
PEPL COMMODITY SUPPLY TRANS (17005) 0404 PENALTY	040500020	APRIL 2004	JUNE 2004	0	0.0000	0.00	(112.75)	(112.75)	(112.75)	0.00			
PEPL FIXED STORAGE TRANS (17004)	040500021	MAY 2004	JUNE 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
PEPL FIXED SUPPLY TRANS. (17005)	040500020	MAY 2004	JUNE 2004	0	0.0000	0.00	88,659.00	88,659.00	88,659.00	0.00			
PEPL CAPACITY RELEASE (17005)	040500020	MAY 2004	JUNE 2004	0	0.0000	0.00	(16,902.22)	(16,902.22)	(16,902.22)	0.00			272,416.37
CINERGY	2004-06-4	JUNE 2004	JULY 2004	156,000	6.113	953,550.00	0.00	953,550.00	953,550.00	0.00			
AGGREGATOR CASHOUTS	VARIOUS	JUNE 2004	JULY 2004	(386)	0.0000	(4,066.96)	0.00	(4,066.96)	(4,066.96)	0.00			
LV CASHOUTS	VARIOUS	JUNE 2004	JULY 2004	56	0.0000	0.40	0.00	0.40	0.40	0.00			
IMBALANCE GAS	VARIOUS	JUNE 2004	JULY 2004	(9)	0.000	(854.21)	0.00	(854.21)	(854.21)	0.00			
PEPL ASSOC CO STORAGE-FS INJECTION	040600021	JUNE 2004	JULY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(135,479)	(831,400.49)	
KS AD VALOREM REFUND (**This will be removed next month)		JUNE 2004	JULY 2004	0	0.0000	0.00	(4,169.72)	(4,169.72)	(4,169.72)	0.00			
PEPL COMMODITY STORAGE TRANS (17004)	040600021	JUNE 2004	JULY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		56,433.65	
PEPL COMMODITY SUPPLY TRANS. (17005)	040600020	JUNE 2004	JULY 2004	0	0.0000	0.00	3,436.95	3,436.95	3,436.95	0.00			
PEPL COMMODITY SUPPLY TRANS (17005) 0504 PENALTY	040600020	MAY 2004	JULY 2004	0	0.0000	0.00	(328.12)	(328.12)	(328.12)	0.00			
PEPL FIXED SUPPLY TRANS. (17005)	040600020	JUNE 2004	JULY 2004	0	0.0000	0.00	88,186.90	88,186.90	88,186.90	0.00			
PEPL CAPACITY RELEASE (17005)	040600020	JUNE 2004	JULY 2004	0	0.0000	0.00	(16,889.52)	(16,889.52)	(16,889.52)	0.00			243,898.88
BP ENERGY	1079163	JULY 2004	AUGUST 2004	146,320	5.9000	863,288.00	0.00	863,288.00	863,288.00	0.00			
AGGREGATOR CASHOUTS	VARIOUS	JULY 2004	AUGUST 2004	(187)	0.0000	(1,568.84)	0.00	(1,568.84)	(1,568.84)	0.00			
LV CASHOUTS	VARIOUS	JULY 2004	AUGUST 2004	(31)	0.0000	(3,552.64)	0.00	(3,552.64)	(3,552.64)	0.00			
IMBALANCE GAS	VARIOUS	JULY 2004	AUGUST 2004	2	0.0000	240.20	0.00	240.20	240.20	0.00			
PEPL ASSOC CO STORAGE-FS INJECTION	.040700019	JULY 2004	AUGUST 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(128,381)	(761,068.05)	
KS AD VALOREM REFUND REVERSAL		JULY 2004	AUGUST 2004	0	0.0000	0.00	4,169.72	4,169.72	4,169.72	0.00			
PEPL COMMODITY SUPPLY TRANS. (17005)	040700018	JULY 2004	AUGUST 2004	0	0.0000	0.00	3,791.17	3,791.17	3,791.17	0.00			
PEPL COMMODITY SUPPLY TRANS (17005) 0604 PENALTY	040700018	JUNE 2004	AUGUST 2004	0	0.0000	0.00	(192.88)	(192.88)	(192.88)	0.00			
PEPL FIXED STORAGE TRANS (17004)	040700019	JULY 2004	AUGUST 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
PEPL FIXED SUPPLY TRANS. (17005)	040700018	JULY 2004	AUGUST 2004	0	0.0000	0.00	88,659.00	88,659.00	88,659.00	0.00			
PEPL CAPACITY RELEASE (17005)	040700018	JULY 2004	AUGUST 2004	0	0.0000	0.00	(18,572.72)	(18,572.72)	(18,572.72)	0.00			231,191.43
BP ENERGY	1081109	AUGUST 2004	SEPTEMBER 2004	139,500	5.6800	792,360.00	0.00	792,360.00	792,360.00	0.00			
AGGREGATOR CASHOUTS	VARIOUS	AUGUST 2004	SEPTEMBER 2004	71	0.0000	402.85	0.00	402.85	402.85	0.00			
LV CASHOUTS	VARIOUS	AUGUST 2004	SEPTEMBER 2004	(252)	0.0000	(1,133.83)	0.00	(1,133.83)	(1,133.83)	0.00			
IMBALANCE GAS	VARIOUS	AUGUST 2004	SEPTEMBER 2004	(1)	0.0000	270.32	0.00	270.32	270.32	0.00			
PEPL ASSOC CO STORAGE-FS INJECTION	040800019	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(120,042)	(684,749.30)	
PEPL COMMODITY SUPPLY TRANS. (17005)	040800018	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	3,081.95	3,081.95	3,081.95	0.00			
PEPL COMMODITY SUPPLY TRANS (17005) 07/04 PENALTY	040800018	JULY 2004	SEPTEMBER 2004	0	0.0000	0.00	(27.35)	(27.35)	(27.35)	0.00			
PEPL COMMODITY STORAGE TRANS. (17004)	040800019	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	385.59	385.59	385.59	0.00			
PEPL COMMODITY STORAGE TRANS (17004) 07/04 ADJ	040800019	JULY 2004	SEPTEMBER 2004	0	0.0000	0.00	412.38	412.38	412.38	0.00			
PEPL FIXED STORAGE TRANS (17004)	040800019	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
PEPL FIXED SUPPLY TRANS. (17005)	040800018	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	88,380.00	88,380.00	88,380.00	0.00			236,953.98
PEPL CAPACITY RELEASE (17005)	040800018	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	(18,427.10)	(18,427.10)	(18,427.10)	0.00			
				861,959.00		4,669,806.48	1,093,719.76	5,763,526.24	5,763,526.24	0.00	205,295	1,298,672.29	7,062,198.53

Enclosure 4

MISSOURI PUBLIC SERVICE
SCHEDULE 2 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR ST. JOSEPH LIGHT & POWER

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
BP ENERGY	1060015	SEPTEMBER 2003	OCTOBER 2003	66,000	4.7450	313,170.00	0.00	313,170.00	313,170.00	0.00			
ANR #99722 SYSTEM SUPPLY TRANS.	303954	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	14,944.81	14,944.81	14,944.81	0.00			
ANR #99723 SYSTEM SUPPLY TRANS.	303954	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	48,114.08	48,114.08	48,114.08	0.00			
ANR STORAGE TRANS (INJECTIONS)		SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	(44,356)	(285,009.48)	
ANR STORAGE TRANS WITHDRAWAL		SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	53	289.09	
ANR STORAGE TRANS. PPA 07/03		JULY 2003	OCTOBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	253	1,302.95	
CASHOUT 08/03 SEMINOLE	VARIOUS	AUGUST 2003	OCTOBER 2003	0	0.0000	0.00	(12.75)	(12.75)	(12.75)	0.00			
CASHOUT 09/03 SEMINOLE	VARIOUS	SEPTEMBER 2003	OCTOBER 2003	0	0.0000	0.00	(56.41)	(56.41)	(56.41)	0.00			92,742.29
BP ENERGY	1061977	OCTOBER 2003	NOVEMBER 2003	95,421	4.2825	408,640.43	0.00	408,640.43	408,640.43	0.00			
ANR #99722 SYSTEM SUPPLY TRANS.	304288	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	17,861.58	17,861.58	17,861.58	0.00			
ANR #99722 SYSTEM SUPPLY TRANS PPA 9/03	304288	SEPTEMBER 2003	NOVEMBER 2003	0	0.0000	0.00	(1,430.05)	(1,430.05)	(1,430.05)	0.00			
ANR #99723 SYSTEM SUPPLY TRANS.	304288	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	67,485.45	67,485.45	67,485.45	0.00			
ANR #99723 SYSTEM SUPPLY TRANS PPA 9/03	304288	SEPTEMBER 2003	NOVEMBER 2003	0	0.0000	0.00	(2,543.15)	(2,543.15)	(2,543.15)	0.00			
ANR STORAGE TRANS (INJECTIONS)	006966055	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	(65,051)	(278,580.91)	
ANR STORAGE TRANS WITHDRAWAL	006966055	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	1,002	5,377.26	
ANR STORAGE TRANS. PPA 09/03	006966055	SEPTEMBER 2003	NOVEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		74,540.26	
IMBALANCE	VARIOUS	OCTOBER 2003	NOVEMBER 2003	0	0.0000	0.00	23,546.78	23,546.78	23,546.78	0.00			
CASHOUT 10/03	VARIOUS	OCTOBER 2003	NOVEMBER 2003	(105)	0.0000	(760.04)	0.00	(760.04)	(760.04)	0.00			314,137.61
BP ENERGY	1063757	NOVEMBER 2003	DECEMBER 2003	33,000	4.2025	138,682.50	0.00	138,682.50	138,682.50	0.00			
ANR #99722 SYSTEM SUPPLY TRANS.	304619	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	13,615.20	13,615.20	13,615.20	0.00			
ANR #99723 SYSTEM SUPPLY TRANS.	304619	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	16,182.00	16,182.00	16,182.00	0.00			
ANR STORAGE TRANS WITHDRAWAL	006966055	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	54,158	281,762.83	
CASHOUT PPA 10/03	VARIOUS	OCTOBER 2003	DECEMBER 2003	0	0.0000	0.00	(6.98)	(6.98)	(6.98)	0.00			
CASHOUT11/03	VARIOUS	NOVEMBER 2003	DECEMBER 2003	0	0.0000	0.00	266.25	266.25	266.25	0.00			450,501.80
BP ENERGY	1065759	DECEMBER 2003	JANUARY 2004	15,500	4.6875	72,656.25	0.00	72,656.25	72,656.25	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	304922	DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	14,069.04	14,069.04	14,069.04	0.00			
ANR STORAGE TRANS WITHDRAWAL		DECEMBER 2003	JANUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	111,198	578,519.59	
CASHOUT PPA 11/03	VARIOUS	NOVEMBER 2003	JANUARY 2004	134	4.3049	576.85	0.00	576.85	576.85	0.00			
CASHOUT PPA 10/03	VARIOUS	OCTOBER 2003	JANUARY 2004	2	3.4900	6.98	0.00	6.98	6.98	0.00			
CASHOUT 12/03	VARIOUS	DECEMBER 2003	JANUARY 2004	(7)	0.0000	(328.35)	0.00	(328.35)	(328.35)	0.00			665,500.36
ANADARKO	A0402S0102	JANUARY 2004	FEBRUARY 2004	37,200	5.7900	215,388.00	0.00	215,388.00	215,388.00	0.00			
BP ENERGY	1067774	JANUARY 2004	FEBRUARY 2004	15,500	5.7975	89,861.25	0.00	89,861.25	89,861.25	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	305222	JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	29,973.90	29,973.90	29,973.90	0.00			
ANR #109150 SYSTEM SUPPLY TRANS.	305222	JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	17,700.69	17,700.69	17,700.69	0.00			
ANR STORAGE TRANS WITHDRAWAL		JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	104,242	542,330.24	
ANR STORAGE TRANS. (INJECTIONS)		JANUARY 2004	FEBRUARY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(184)	(1,065.76)	
CASHOUT 01/04	VARIOUS	JANUARY 2004	FEBRUARY 2004	410	0.0000	2,361.71	0.00	2,361.71	2,361.71	0.00			896,550.03
BP ENERGY	1069918	FEBRUARY 2004	MARCH 2004	18,500	5.4337	100,523.75	0.00	100,523.75	100,523.75	0.00			
ANR #10949 SYSTEM SUPPLY TRANS.	305529	FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	5,673.00	5,673.00	5,673.00	0.00			
ANR #10950 SYSTEM SUPPLY TRANS.	305529	FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	10,997.25	10,997.25	10,997.25	0.00			
ANR STORAGE TRANS WITHDRAWAL		FEBRUARY 2004	MARCH 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	104,354	543,001.54	
IMBALANCE	VARIOUS	FEBRUARY 2004	MARCH 2004	(8,749)	6.6760	(58,407.98)	0.00	(58,407.98)	(58,407.98)	0.00			
CASHOUT 02/04	VARIOUS	FEBRUARY 2004	MARCH 2004	4,644	5.0503	23,453.76	0.00	23,453.76	23,453.76	0.00			
CASHOUT PPA 01/04	VARIOUS	JANUARY 2004	MARCH 2004	(5,094)	6.2542	(31,858.70)	0.00	(31,858.70)	(31,858.70)	0.00			593,382.62

MISSOURI PUBLIC SERVICE
SCHEDULE 2 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR ST. JOSEPH LIGHT & POWER

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
BP ENERGY	1071585	MARCH 2004	APRIL 2004	80,600	4.8034	387,151.25	0.00	387,151.25	387,151.25	0.00			
ANR #10949 SYSTEM SUPPLY TRANS.	305838	MARCH 2004	APRIL 2004	0	0.0000	0.00	27,433.14	27,433.14	27,433.14	0.00			
ANR #10950 SYSTEM SUPPLY TRANS.	305838	MARCH 2004	APRIL 2004	0	0.0000	0.00	45,119.88	45,119.88	45,119.88	0.00			
ANR STORAGE TRANS WITHDRAWAL		MARCH 2004	APRIL 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	11,222	58,393.19	
ANR STORAGE TRANS. (INJECTIONS)		MARCH 2004	APRIL 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(17,756)	(85,564.45)	
CASHOUT 03/04	VARIOUS	MARCH 2004	APRIL 2004	864	4.0816	3,526.52	0.00	3,526.52	3,526.52	0.00			
CASHOUT PPA 02/04	VARIOUS	FEBRUARY 2004	APRIL 2004	(789)	6.6899	(5,278.31)	0.00	(5,278.31)	(5,278.31)	0.00			
CASHOUT PPA 01/04	VARIOUS	JANUARY 2004	APRIL 2004	(147)	5.7760	(849.07)	0.00	(849.07)	(849.07)	0.00			429,932.15
BP ENERGY	1073521	APRIL 2004	MAY 2004	49,500	4.9950	247,252.50	0.00	247,252.50	247,252.50	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	306117	APRIL 2004	MAY 2004	0	0.0000	0.00	20,270.28	20,270.28	20,270.28	0.00			
ANR #109150 SYSTEM SUPPLY TRANS.	306117	APRIL 2004	MAY 2004	0	0.0000	0.00	24,209.76	24,209.76	24,209.76	0.00			
ANR STORAGE TRANS WITHDRAWAL		APRIL 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	1,386	7,016.47	
ANR STORAGE TRANS. (INJECTIONS)		APRIL 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(20,160)	(100,699.20)	
ANR STORAGE TRANS. (INJECTIONS) 03/04 PPA		MARCH 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00		275.28	
CASHOUT 04/04	VARIOUS	APRIL 2004	MAY 2004	2,583	4.3157	11,147.39	0.00	11,147.39	11,147.39	0.00			
IMBALANCE	VARIOUS	APRIL 2004	MAY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00			209,472.48
BP ENERGY	1075389	MAY 2004	JUNE 2004	72,850	5.4475	396,850.38	0.00	396,850.38	396,850.38	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	306412	MAY 2004	JUNE 2004	0	0.0000	0.00	24,914.70	24,914.70	24,914.70	0.00			
ANR #109150 SYSTEM SUPPLY TRANS.	306412	MAY 2004	JUNE 2004	0	0.0000	0.00	40,262.49	40,262.49	40,262.49	0.00			
ANR STORAGE TRANS. (INJECTIONS)		MAY 2004	JUNE 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(54,637)	(297,635.06)	
CASHOUT 05/04	VARIOUS	MAY 2004	JUNE 2004	2,426	4.0872	9,915.45	0.00	9,915.45	9,915.45	0.00			
IMBALANCE	VARIOUS	MAY 2004	JUNE 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00			174,307.96
BP ENERGY	1077331	JUNE 2004	JULY 2004	78,000	6.215	484,770.00	0.00	484,770.00	484,770.00	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	306672	JUNE 2004	JULY 2004	0	0.000	0.00	26,845.76	26,845.76	26,845.76	0.00			
ANR #109150 SYSTEM SUPPLY TRANS.	306672	JUNE 2004	JULY 2004	0	0.000	0.00	42,900.74	42,900.74	42,900.74	0.00			
ANR STORAGE TRANS. (INJECTIONS)		JUNE 2004	JULY 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(61,771)	(383,906.77)	
CASHOUT 06/04	VARIOUS	JUNE 2004	JULY 2004	4,271	5.6265	24,030.97	0.00	24,030.97	24,030.97	0.00			
CASHOUT PPA	VARIOUS	JUNE 2004	JULY 2004	318	4.1786	1,328.81	0.00	1,328.81	1,328.81	0.00			195,969.51
BP ENERGY	1079163	JULY 2004	AUGUST 2004	71,289	5.8700	418,466.43	0	418,466.43	418,466.43	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	306974	JULY 2004	AUGUST 2004	0	0.0000	0.00	27,723.13	27,723.13	27,723.13	0.00			
ANR #109150 SYSTEM SUPPLY TRANS.	306974	JULY 2004	AUGUST 2004	0	0.0000	0.00	36,039.97	36,039.97	36,039.97	0.00			
ANR STORAGE TRANS. (INJECTIONS)		JULY 2004	AUGUST 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(54,392)	(319,281.04)	
CASHOUT 07/04	VARIOUS	JULY 2004	AUGUST 2004	(1,576)	7.3142	(11,527.21)	0.00	(11,527.21)	(11,527.21)	0.00			151,421.28
CINERGY	2004080897-I	AUGUST 2004	SEPTEMBER 2004	77,498	5.7400	444,838.52	0.00	444,838.52	444,838.52	0.00			
ANR #109149 SYSTEM SUPPLY TRANS.	307323	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	27,551.74	27,551.74	27,551.74	0.00			
ANR #109150 SYSTEM SUPPLY TRANS.	307323	AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	41,299.42	41,299.42	41,299.42	0.00			
ANR #109149 SYSTEM SUPPLY TRANS. PPA 07/04	307323	JULY 2004	SEPTEMBER 2004	0	0.0000	0.00	5.59	5.59	5.59	0.00			
ANR STORAGE TRANS. (INJECTIONS)		AUGUST 2004	SEPTEMBER 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	(61,049)	(350,421.26)	
ANR STORAGE TRANS. (INJECTIONS) PPA 07/04		JULY 2004	SEPTEMBER 2004	0	0.0000	0.00	0.00	0.00	0.00	0.00	615	[redacted]	
CASHOUT 08/04	VARIOUS	AUGUST 2004	SEPTEMBER 2004	(344)	10.5781	(3,638.86)	0.00	(3,638.86)	(3,638.86)	0.00			163,245.20
				709,699.00		3,681,951.18	660,957.29	4,342,908.47	4,342,908.47	0.00	9,127	(5,745.18)	4,337,163.29

AQUILA NETWORKS
SCHEDULE 4 - CALCULATION OF
NEW RECOVERY BALANCE
2003-2004 ACA YEAR

Line		SOUTHERN SYSTEM FIRM	SOUTHERN SYSTEM INTERRUPT.	NORTHERN SYSTEM FIRM	NORTHERN SYSTEM INTERRUPT.	SJLP FIRM	SJLP INTERRUPT.	TOTAL	Line
1	ACA RECOVERY	701,244.20	0.00	371,869.29	0.00	522,663.78	0.00	1,595,777.27	1
2	REGULAR RECOVERY	19,953,257.50	0.00	6,737,983.28	0.00	4,081,549.93	0.00	30,772,790.71	2
3	CASHOUTS	23,312.18	0.00	16,663.24	0.00	3,769.85	0.00	43,745.27	3
4	BALANCING PENALTY			7,266.69	0.00	140.27	0.00	7,406.96	4
5	TOTAL RECOVERY	20,677,813.88	0.00	7,133,782.50	0.00	4,608,123.83	0.00	32,419,720.21	5
	LESS								
6	PURCHASED GAS COST PER BOOKS	17,292,695.25	0.00	5,763,526.24	0.00	4,342,908.47	0.00	27,399,129.96	6
7	STORAGE COSTS	4,121,134.90	0.00	1,298,672.29	0.00	(5,745.18)	0.00	5,414,062.01	7
8	TOTAL PURCHASED GAS COST PER BOOKS	21,413,830.15	0.00	7,062,198.53	0.00	4,337,163.29	0.00	32,813,191.97	8
9	GROSS RECOVERY	(736,016.27)	0.00	71,583.97	0.00	270,960.54	0.00	(393,471.76)	9
10	5/04-8/04 L&U FACTOR REVENUE	64,973.41		27,739.90				92,713.31	10
11	OVER RECOVERED 2002/2003 TC FACTOR					1,540.39		1,540.39	11
12	DCCB ADJUSTMENT FOR 2003/2004	(714.00)				(323.00)			12
13	REV RECOVERY OVER/(UNDER) COST	(671,756.86)	0.00	99,323.87	0.00	272,177.93	0.00	(300,255.06)	13
14	BEGINNING ACA RECOVERY BALANCE SEPTEMBER 2003	(370,203.77)	9,563.19	(577,523.79)	(104,100.46)	(636,060.69)	0.00	(1,678,325.52)	14
15	ACA RECOVERY BALANCE AUGUST 2004 PER BOOKS	(1,017,445.49)	9,563.19	(467,700.27)	(104,100.46)	(346,371.67)	0.00	(1,926,054.70)	15
16	LESS ACTUAL ACA RECOVERY 08/04 BOOKED 09/04	16,516.15	0.00	7,294.89	0.00	10,807.81	0.00	34,618.85	16
17	LESS TRANSPORT 04/04 BOOKED 05/04	1,368.88	0.00	1,427.72	0.00	27.31	0.00	2,823.91	17
18	STG INJECTION INCORRECTLY BOOKED (S/B CORRECTED 9/04)	0.00	0.00	0.00	0.00	(3,610.05)	0.00	(3,610.05)	18
19	GL/REVENUE REPORT DISCREPANCY (S/B CORRECTED 9/04)	(3,080.97)	0.00	0.00	0.00	0.00	0.00	(3,080.97)	19
20	OVER RECOVERED 2002/2003 TC FACTOR	0.00	0.00	0.00	0.00	1,540.39	0.00	1,540.39	20
21	DCCB ADJUSTMENT FOR 2003/2004	(714.00)	0.00	0.00	0.00	(323.00)	0.00	(1,037.00)	21
22	DCCB ADJUSTMENT FOR 2002/2003	(2,835.00)	0.00	(1,777.00)	0.00	(4,283.00)	0.00	(8,895.00)	22
23	ENDING ACA RECOVERY BALANCE PER BOOKS	(1,041,960.49)	9,563.19	(478,199.88)	(104,100.46)	(363,882.45)	0.00	(1,978,580.09)	23
24	NORMALIZED ANNUAL SALES PER 30 YEAR HDD	3,923,036	0	1,390,228	0	751,332	0	6,064,596	24
25	CALCULATED ACA RATES FOR 11/04 PER CCF	0.02656	0.00000	0.03440	0.00000	0.04843	0.00000		25
26	EFFECTIVE 11/17/03	0.02135	(0.00777)	0.03969	0.00000	0.08741	0.00000		26
27	CHANGE IN ACA RATE	0.00521	0.00777	(0.00529)	0.00000	(0.03898)	0.00000		27

Enclosure 5

Aquila Networks - L&P
Calculation of the TC factor (all communities)
2003-2004 ACA Year

Net TC Balance (@ 8/31/04)	$1,024.48
September 2004 Recovery	($964.10)
October 2004 Recovery	($1,600.77)
Estimated Charges for Sep and Oct'04	$0.00
Estimated 12 Month Dakota Charges (Nov'04 -- Oct'05)	$0.00
**This charge has been eliminated effective 7/1/2004	
Estimated 12 Month Acct 191 Charges(Nov'04--Oct'05) (12 months * $0)	$0.00
Total 12 Month TC Expense to be recovered	($1,540.39)
Estimated Annual Retail Sales Volumes (Ccf)	7,513,320
Estimated Annual Transportation Volumes (Ccf)	2,626,415
Total Volume for System	10,139,735
TC Factor ($/Ccf)	($0.0002)

Per ANR Tariff Sheet No. 18, Effective 07/01/2004 the Dakota Reservation Surcharge has been eliminated. As is the case, Aquila-L&P has over recovered the Transition Cost. Aquila-L&P proposes to reduce the L&P under recovery by transfering the calculated TC over recovery through October 2004 to the 191 account in the 2003/2004 ACA filing. Aquila-L&P also plans to transfer any balances after Ocober 2004 to the 191 account.